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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/753,622	01/04/2001	Tetsuo Takagi	001738	1561
23850 7	7590 07/12/2004		EXAMINER	
ARMSTRONG, KRATZ, QUINTOS, HANSON & BROOKS, LLP			JACKSON, JENISE E .	
1725 K STREI SUITE 1000	ET, NW		ART UNIT	PAPER NUMBER
WASHINGTO	ON, DC 20006		2131	\mathcal{H} .
	· ·	9 '';	DATE MAILED: 07/12/2004	

Please find below and/or attached an Office communication concerning this application or proceeding.

PTO-90C (Rev. 10/03)

	Application No.	Applicant(s)	di
,	09/753,622	TAKAGI, TETSUO	OP
Office Action Summary	Examiner	Art Unit	
	Jenise E Jackson	2131	
The MAILING DATE of this communication Period for Reply	appears on the cover sheet w	with the correspondence address -	
A SHORTENED STATUTORY PERIOD FOR RE THE MAILING DATE OF THIS COMMUNICATIO - Extensions of time may be available under the provisions of 37 CFI after SIX (6) MONTHS from the mailing date of this communication - If the period for reply specified above is less than thirty (30) days, a - If NO period for reply is specified above, the maximum statutory pe - Failure to reply within the set or extended period for reply will, by st Any reply received by the Office later than three months after the m earned patent term adjustment. See 37 CFR 1.704(b). Status	DN. R 1.136(a). In no event, however, may a the statutory minimum of the strong within the statutory minimum of the strong will apply and will expire SIX (6) MC tatute, cause the application to become A	a reply be timely filed irty (30) days will be considered timely. INTHS from the mailing date of this communica ABANDONED (35 U.S.C. § 133).	etion.
<u></u>			
1) Responsive to communication(s) filed on _ 2a) This action is FINAL . 2b) □	 This action is non-final.		
2a) ☐ This action is FINAL . 2b) ☐ 3) ☐ Since this application is in condition for all closed in accordance with the practice und	owance except for formal ma		s is
Disposition of Claims			
4) Claim(s) 1-7 is/are pending in the application 4a) Of the above claim(s) is/are with 5) Claim(s) is/are allowed. 6) Claim(s) 1-7 is/are rejected. 7) Claim(s) is/are objected to. 8) Claim(s) are subject to restriction are	drawn from consideration.		
Application Papers			
9)☐ The specification is objected to by the Exam	niner.		
10) The drawing(s) filed on is/are: a)			
Applicant may not request that any objection to			
Replacement drawing sheet(s) including the control of the oath or declaration is objected to by the			
Priority under 35 U.S.C. § 119			
 12) Acknowledgment is made of a claim for fore a) All b) Some * c) None of: 1. Certified copies of the priority docum 2. Certified copies of the priority docum 3. Copies of the certified copies of the application from the International Bu * See the attached detailed Office action for a 	nents have been received. nents have been received in priority documents have bee reau (PCT Rule 17.2(a)).	Application No n received in this National Stage	
Adda ali wa awada l			
Attachment(s) 1) Notice of References Cited (PTO-892)	4) ☐ Interview	Summary (PTO-413)	
 2) Notice of Neierleines Cited (* 10-032) 2) Notice of Draftsperson's Patent Drawing Review (PTO-948 3) Information Disclosure Statement(s) (PTO-1449 or PTO/SE Paper No(s)/Mail Date ♣ 	Paper No	o(s)/Mail Date Informal Patent Application (PTO-152)	

Application/Control Number: 09/753,622

Art Unit: 2131

DETAILED ACTION

Claim Rejections - 35 USC § 103

- 1. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:
 - (a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negatived by the manner in which the invention was made.
- 2. Claims 1-7 are rejected under 35 U.S.C. 103(a) as being unpatentable over Krishnaswami et al.(6,618, 735) in further view of Cobb.
- 3. As per claim 1, Krishnaswami et al. discloses a backup recording region storing backup information(see col. 5, lines 30-38), monitoring means for detecting a write instruction(see col. 1, lines 64-67), copy means for copying the backup information stored in the backup recording region when the monitoring means detects the write instruction(see col. 1, line 67, col. 2, lines 1-3, col. 5, lines 10-42). Krishnaswami et al. discloses that the computer network cold be a WAN that uses the Internet(see col. 3, lines 47-67). However, Krishnaswami does not disclose an open recording region storing a page opened on the Internet. Cobb, teaches an open recording region storing a page opened on the Internet. It would have been obvious to one of ordinary skill in the art at the time of the invention to include the teachings of Cobb's open recording region storing a page opened on the Internet with Krishnaswami, the motivation is that ensuring security of web databases has become an important issues with the growth of the Internet(Cobb). Cobb address security of web, by answering the question of how to protect unauthorized changes to web pages(Cobb)?

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4. As per claim 2, same motivation applies above, further, Krishnaswami et al. discloses a falsification preventing apparatus further includes an update recording region for updating the information(see col. 5, lines 10-59, col. 6, lines 30-37), and the copy means copies the information stored in the update recording region to the backup recording region when the information stored in the update recording region is updated(see col. 6, lines 30-37).

- 5. As per claim 3, Krishnaswami discloses authentication means for executing authentication of a user when the information stored in the update recording region is updated(see col. 7, lines 49-65).
- 6. As per claims 4, 6, same motivation applies above(see claim 1). Further, Krishnaswami discloses detecting a write instruction(see col. 5, lines 1-6), reading backup information, storing the backup information, and copying the backup information(see col. 5, lines 10-43).
- 7. As per claims 5, 7, Krishnaswami discloses allowing the information in the backup recording region to be updated when the authentication of the user is executed(see col. 6, lines 30-37, col. 7, lines 25-65).

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Jenise E Jackson whose telephone number is (703) 306-0426. The examiner can normally be reached on M-Th (6:00 a.m. - 3:30 p.m.) alternate Friday's.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Ayaz Sheikh can be reached on (703) 305-9648. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).



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